

Lacomme Philippe

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,423
citations

22
h-index

37
g-index

50
ext. papers

1,643
ext. citations

4.7
avg, IF

4.65
L-index

#	Paper	IF	Citations
46	Competitive Memetic Algorithms for Arc Routing Problems. <i>Annals of Operations Research</i> , 2004 , 131, 159-185	3.2	177
45	A GRASPELS approach for the capacitated location-routing problem. <i>Computers and Operations Research</i> , 2010 , 37, 1912-1923	4.6	125
44	Order-first split-second methods for vehicle routing problems: A review. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 40, 179-200	8.4	94
43	Evolutionary algorithms for periodic arc routing problems. <i>European Journal of Operational Research</i> , 2005 , 165, 535-553	5.6	92
42	A genetic algorithm for a bi-objective capacitated arc routing problem. <i>Computers and Operations Research</i> , 2006 , 33, 3473-3493	4.6	84
41	Job-shop based framework for simultaneous scheduling of machines and automated guided vehicles. <i>International Journal of Production Economics</i> , 2013 , 143, 24-34	9.3	82
40	A multi-start evolutionary local search for the two-dimensional loading capacitated vehicle routing problem. <i>Computers and Operations Research</i> , 2011 , 38, 617-640	4.6	76
39	Lower and upper bounds for the mixed capacitated arc routing problem. <i>Computers and Operations Research</i> , 2006 , 33, 3363-3383	4.6	74
38	A Genetic Algorithm for the Capacitated Arc Routing Problem and Its Extensions. <i>Lecture Notes in Computer Science</i> , 2001 , 473-483	0.9	61
37	An MILP for scheduling problems in an FMS with one vehicle. <i>European Journal of Operational Research</i> , 2009 , 199, 706-722	5.6	59
36	A memetic algorithm for the job-shop with time-lags. <i>Computers and Operations Research</i> , 2008 , 35, 2331-2356	4.2	50
35	Simultaneous job input sequencing and vehicle dispatching in a single-vehicle automated guided vehicle system: a heuristic branch-and-bound approach coupled with a discrete events simulation model. <i>International Journal of Production Research</i> , 2005 , 43, 1911-1942	7.8	35
34	A MapReduce-based approach for shortest path problem in large-scale networks. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 41, 151-165	7.2	31
33	Efficient frameworks for greedy split and new depth first search split procedures for routing problems. <i>Computers and Operations Research</i> , 2011 , 38, 723-739	4.6	30
32	Improving robustness of solutions to arc routing problems. <i>Journal of the Operational Research Society</i> , 2005 , 56, 526-538	2	30
31	A Multi-Start Split based Path Relinking (MSSPR) approach for the vehicle routing problem with route balancing. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 38, 237-251	7.2	27
30	Evolutionary Algorithms for Stochastic Arc Routing Problems. <i>Lecture Notes in Computer Science</i> , 2004 , 501-512	0.9	27

29	An ELS-based approach with dynamic probabilities management in local search for the Dial-A-Ride Problem. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 48, 119-133	7.2	26
28	A smartphone-driven methodology for estimating physical activities and energy expenditure in free living conditions. <i>Journal of Biomedical Informatics</i> , 2014 , 52, 271-8	10.2	26
27	A GRASP ϵ LS for the vehicle routing problem with basic three-dimensional loading constraints. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 1795-1810	7.2	24
26	Metaheuristics for the Stochastic Hoist Scheduling Problem (SHSP). <i>International Journal of Production Research</i> , 2001 , 39, 3419-3457	7.8	24
25	Supply chain optimisation with both production and transportation integration: multiple vehicles for a single perishable product. <i>International Journal of Production Research</i> , 2018 , 56, 4313-4336	7.8	23
24	A hybrid evolutionary local search with depth first search split procedure for the heterogeneous vehicle routing problems. <i>Engineering Applications of Artificial Intelligence</i> , 2012 , 25, 345-358	7.2	22
23	A GRASP ϵ LS approach for the job-shop with a web service paradigm packaging. <i>Expert Systems With Applications</i> , 2014 , 41, 544-562	7.8	14
22	Resolution of a Job-Shop problem with transportation constraints: a master/slave approach. <i>IFAC-PapersOnLine</i> , 2016 , 49, 898-903	0.7	13
21	Comparison of total energy expenditure assessed by two devices in controlled and free-living conditions. <i>European Journal of Sport Science</i> , 2015 , 15, 391-9	3.9	12
20	An acceleration vector variance based method for energy expenditure estimation in real-life environment with a smartphone/smartwatch integration. <i>Expert Systems With Applications</i> , 2016 , 63, 435-449	7.8	12
19	First Competitive Ant Colony Scheme for the CARP. <i>Lecture Notes in Computer Science</i> , 2004 , 426-427	0.9	10
18	Mathematical formulations for scheduling jobs on identical parallel machines with family setup times and total weighted completion time minimization. <i>European Journal of Operational Research</i> , 2021 , 289, 825-840	5.6	10
17	The eMouveRecherche application competes with research devices to evaluate energy expenditure, physical activity and still time in free-living conditions. <i>Journal of Biomedical Informatics</i> , 2017 , 69, 128-134	10.2	7
16	A new shortest path algorithm to solve the resource-constrained project scheduling problem with routing from a flow solution. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 66, 75-86	7.2	7
15	Use of Smartphone Accelerometers and Signal Energy for Estimating Energy Expenditure in Daily-Living Conditions. <i>Current Biotechnology</i> , 2015 , 4, 4-15	0.6	5
14	Design of a monitoring environment for manufacturing systems management and optimization. <i>International Journal of Computer Integrated Manufacturing</i> , 2003 , 16, 61-80	4.3	5
13	Multi-agent approach and stochastic optimization: random events in manufacturing systems. <i>Journal of Intelligent Manufacturing</i> , 1999 , 10, 81-101	6.7	5
12	A Multi-thread GRASP \times ELS for the Heterogeneous Capacitated Vehicle Routing Problem. <i>Studies in Computational Intelligence</i> , 2013 , 237-269	0.8	4

11	Linear Model for Supply Chain Operational Planning and Carbon Footprint Optimization. <i>Supply Chain Forum</i> , 2013 , 14, 40-53	3.5	4
10	A GRASP _{ELS} approach for real-life Location Routing Problems 2009 ,		3
9	Integration of routing into a resource-constrained project scheduling problem. <i>EURO Journal on Computational Optimization</i> , 2019 , 7, 421-464	1.2	3
8	A Dial-a-Ride evaluation for solving the job-shop with routing considerations. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 74, 70-89	7.2	3
7	A Statistical Comparison of Objective Functions for the Vehicle Routing Problem with Route Balancing 2016 ,		2
6	The Integrated Production and Transportation Scheduling Problem based on a GRASP _{ELS} resolution scheme. <i>IFAC-PapersOnLine</i> , 2016 , 49, 1466-1471	0.7	2
5	2L-CVRP: A GRASP resolution scheme based on RCPS 2009 ,		1
4	A GRASP for Supply Chain Optimization with Financial Constraints per Production Unit. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 159-183	0.3	1
3	Determination of robust solutions for the DARP with variations in transportation time. <i>IFAC-PapersOnLine</i> , 2016 , 49, 943-948	0.7	1
2	Integrated decision support system for rich vehicle routing problems. <i>Expert Systems With Applications</i> , 2021 , 178, 114998	7.8	0
1	Toward Scheduling for Reconfigurable Manufacturing Systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10443-10448		0